

**A SYSTEMATIC STUDY OF SUPERCONDUCTIVITY
IN Bi-Pb(Sn)-Sb-Sr-Ca-Cu-O SYSTEMS**

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Abstract

Superconducting transition above 160K has been reported¹ in the Bi-Pb-Sb-Sr-Ca-Cu-O system. The results of a systematic study emphasizing the correlations between the type and amount of dopant, and superconducting transition will be presented. The effect of Sn (instead of Pb) substitution will also be highlighted.

¹L. Hongbao et al., Univ. of Science & Technology, China, preprint.